



09/24/03

TERRELL C. BIRCH
 RAYMOND C. STEWART
 JAMES M. SLATTERY
 MICHAEL K. MUTTER
 CHARLES GORENSTEIN
 GERALD M. MURPHY, JR.
 LEONARD R. SVENSSON
 ANDREW D. MEIKLE
 MARC S. WEINER
 JOE MCKINNEY MUNCY
 ROBERT J. KENNEY
 JOHN W. BAILEY
 MARK J. NUEL, PH.D.
 JAMES T. ELLER, JR.
 D. RICHARD ANDERSON
 THOMAS M. SMALL
 ROBERT A. SELDON
 JOHN A. SCILLIERI
 SANFORD ASTOR

OF COUNSEL:
 HERBERT M. BIRCH (1905-1996)
 BERNARD L. SWEENEY
 ELLIOT A. GOLDBERG
 WILLIAM L. GATES
 EDWARD H. VALANCE
 RUPERT J. BRADY (RET.)
 F. PRINCE BUTLER
 FRED S. WHISENHUNT (RET.)
 JAMES W. HELLWEGE
 QUENTIN R. "RICK" CORRIE
 ROBERT F. GNUSE
 DAVID R. MURPHY
 ROBERT M. ASHEN
 MICHAEL R. CAMMARATA

*ADMITTED TO A BAR OTHER THAN VA.

BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW
 8110 GATEHOUSE ROAD
 SUITE 100 EAST
 FALLS CHURCH, VA 22042-1248
 U S A

(703) 205-8000
 FAX: (703) 205-8050
 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
 web: http://www.bskb.com

CALIFORNIA OFFICES:
 CARLSBAD, CALIFORNIA
 COSTA MESA, CALIFORNIA
 LOS ANGELES, CALIFORNIA

SENIOR COUNSEL:
 JOSEPH A. KOLASCH

SCOTT L. LOWE
 PAUL C. LEWIS
 RICHARD GALLAGHER
 MARYANNE ARMSTRONG, PH.D.
 KECIA J. REYNOLDS
 KALPANA REDDY
 ESTHER H. CHONG
 CATHERINE M. VOISINET
 EUGENE T. PEREZ
 CAROLYN T. BAUMGARDNER
 MARTIN R. GEISSLER
 J. ALISON GRABELL
 T. BENJAMIN SCHROEDER, PH.D.
 PERCY L. SQUARE
 HYUNG N. SOHN
 CLINT A. GARDINE
 CRAIG A. MCROBBIE
 WILLIAM F. NIXON
 DANIEL K. DORSEY
 MATTHEW T. SHANLEY

REG. PATENT AGENTS:
 FREDERICK R. HANDREN
 MAKI HATSUMI
 GARTH M. DAHLEN, PH.D.
 ROBERT E. GOOZNER, PH.D.
 KRISTIL RUPERT, PH.D.
 SUSAN W. GORMAN, PH.D.
 ROBERT W. DOWNS
 CHAD J. BILLINGS
 CHRISTINE V. CASTILLO
 CARL T. THOMSEN
 JASON W. RHODES
 SAM BHATTACHARYA
 BRADLEY C. FACH

17667 U.S. PTO
 10/668997
 09/24/03

Date: September 24, 2003

Docket No.: 1163-0471P

MS PATENT APPLICATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): UMEZU, Masaharu; IKEUCHI, Tomoya; MIKURIYA,
 Makoto; SHIMOTANI, Mitsuo

For: MAP DATA PROCESSING UNIT

Enclosed are:

- ☒ A specification consisting of Thirty-Nine (39) pages
- ☒ Twenty-seven (27) sheet(s) formal drawings
- ☒ An assignment of the invention
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☐ Applicant does not claim priority

- ☒ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). 2002-083103 filed in Japan on March 25, 2003.
- ☒ Certified copy(ies) is(are) attached hereto.
- ☐ Certified copy(ies) will follow.
- ☒ Executed Declaration (☒ Original ☐ Photocopy)
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☐ Preliminary Amendment
- ☒ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Other:
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$750.00	\$375.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	14 - 20 =	0	X 18 = \$0.00	x 9 = \$0.00
INDEPENDENT CLAIMS	3 - 3 =	0	x 84 = \$0.00	x 42 = \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$280.00	+ \$140.00
TOTAL			\$750.00	\$0.00

- ☒ A check in the amount of \$790.00 to cover the filing fee and recording fee (if applicable) is enclosed.

☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

☒ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

 #40,439

By Michael K. Mutter, #29,680

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

MKM/cgc
1163-0471P

Attachment(s)

(Rev. 08/21/03)